

Sheet1

Pin	1996 F150 5.0 V8			2003 Ranger 3.0 V6			1998 F150 4.6 V8		
	Ckt	Function	Color	Ckt	Function	Color	Ckt	Function	Color
1	315	TRANS CTL	P/O	315	TRANS CTL	P/O	315	TRANS CTL	P/O
2	658	MIL	PK/LG	658	MIL	PK/LG	658	MIL	PK/LG
3							1144	TRANS CTL	Y/BK
4	323	CUST	LB/Y						
5									
6	651	COM	BK/Y	970	TRANS CTL	DG/W			
7									
8							190	NOT USED	W/O
9							200	NOT USED	BR
10									
11									
12				29	FT S	Y/W	29	FT S	Y/W
13	107	DLC	P	107	DLC	P	107	DLC	P/W
14	784	AWD	LB/BK	784	ESC	LB/BK			
15	915	DLC	PK/LB	915	SCP-	PK/LB	915	DLC	PK/LB
16	914	DLC	T/O	914	SCP+	T/O	914	DLC	T/O
17				1216	PATS RX	GY/O			
18				1215	PATS TX	W/LG			
19									
20									
21				349	IGN -	DB	349	IGN	DB
22				350	IGN +	GY	350	IGN	GY
23	259	IGN	OR						
24	570	GND G101	BK/W	570	GND G104	BK/WH	570	GND G101	BK/W
25	875	GND G104	BK/LB	57	GND G106	BK	48	SHIELD	BARE
26				95	IGN	T/W	526	IGN	DB/LG
27	237	TRANS CTL	O/Y	237	TRANS CTL	O/Y	237	TRANS CTL	O/Y
28				924	TRANS CTL	BR/O			
29	224	TRANS CTL	T/W	224	TRANS CTL	T/W	224	TRANS CTL	T/W
30				343	PATS	DB/LG	242	OCTANE	DG
31									
32				1273	IGN	Y			
33	676	VSS RET	PK/O				676	VSS RET	PK/O
34									
35	392	HO2S 12 S	R/LG	392	HO2S 12 S	R/LG	392	HO2S 12 S	R/LG
36	968	MAF	T/LB	968	MAF RET	T/LB	968	MAF	T/LB
37	923	TRANS CTL	O/BK	923	TRANS CTL	O/BK	923	TRANS CTL	O/BK
38	354	ECT	LG/R	354	ECT	LG/R	354	ECT	LG/R
39	743	IAT	GY				743	IAT	GY
40	238	FPR CHK	DG/Y	238	FPR CHK	DG/Y	238	FPR CHK	DG/Y
41	198	A/C	DG/O	348	HVAC	P	347	HVAC	BK/Y
42							367	SEE 46	NOT USED
43									
44	200	AIRD SOL	BR/PK	325	START SOL	DB/O			
45							39	INST	R/W
46							367	IMCC	BR
47	360	EGR SOL	BR/PK				360	EVR	BR/PK

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48	382	IGN	Y/BK	11	INST TACH	T/Y	648	INST	W/PK
49	395	IGN	GY/O	1145	TR2	LB/BK	1145	TRANS CTL	LB/BK
50	929	IGN	PK/LB	1143	TR4	W/BK	1143	TRANS CTL	W/BK
51	570	GND G101	BK/W	570	GND G104	BK/WH	570	GND G101	BK/W
52				96	IGN	T/O	527	IGN	DB/LG
53	924	E4OD CTL	BR/O	971	TRANS CTL	PK/BK			
54	480	TRANS CTL	P/Y	480	TRANS CTL	P/Y	480	TRANS CTL	P/Y
55	37	BATT	Y	37	BATT	Y	785	BATT	BK/LG
56	191	VMV	LG/BK	191	EVAP P	LG/BK	191	VMV	LG/BK
57				310	IGN	Y/R	310	KS	Y/R
58	679	VSS SIG	GY/BK				679	VSS SIG	GY/BK
59	917	KNOCK	DG/LG	134	ISS	GY/O			
60	74	HO2S 11 S	GY/LB	74	HO2S 11 S	GY/LB	74	HO2S 11 S	GY/LB
61							393	HO2S 22 S	P/LG
62				791	FT P	R/PK	791	FT P	R/PK
63									
64	199	TRANS CTL	LB/Y	199	TR3A	LB/Y	199	TRANS CTL	LB/Y
65	352	DPFE	BR/LG				352	DPFE	BR/LG
66							1102	CHT	Y/LG
67				91	EVAP V	P/W	91	CVS	P/W
68				679	VSC	GY/BK			
69				331	HVAC	PK/Y			
70	190	AIRB SOL	W/O						
71	361	SW BATT	R	361	SW BATT	R	361	SW BATT	R
72	561	INJ 7	T/R				561	INJ 7	T/R
73	559	INJ 5	T/BK	559	INJ 5	T/BK	559	INJ 5	T/BK
74	557	INJ 3	BR/Y	557	INJ 3	BR/Y	557	INJ 3	BR/Y
75	555	INJ 1	T	555	INJ 1	T	555	INJ 1	T/LB
76	570	GND G101	BK/W	570	GND G104	BK/W	570	GND G101	BK/W
77	570	GND G101	BK/W	570	GND G104	BK/W	570	GND G101	BK/W
78				97	IGN	T/LG	528	IGN	PK/W
79	911	TRANS CTL	W/YG	911	TRANS CTL	W/LG	911	TRANS CTL	W/YG
80	926	FPR OUT	LB/O	926	FPR OUT	LB/O	926	FPR OUT	LB/O
81	25	TRANS CTL	W/Y	925	TRANS CTL	W/Y	925	TRANS CTL	W/Y
82				1017	IND FUEL	BK/W			
83	264	IAC	W/LB	264	IAC	W/LB	264	IAC	W/LB
84	136	OSS	DB/Y	136	OSS	DB/Y	136	OSS	DB/Y
85				282	CPS	DB/O	795	CPS	DG
86				347	HVAC	BK/Y			
87	94	HO2S 21 S	R/BK	94	HO2S 21 S	R/BK	94	HO2S 21 S	R/BK
88	967	MAF	LB/R	967	MAF SIG	LB/R	967	MAF	LB/R
89	355	TPS SIG	GY/W	355	TPS SIG	GY/W	355	TPS SIG	GY/W
90	351	TPS	BR/W	351	TPS	BR/W	351	COM	BK/W
91	359	SIG RTN	GY/R	359	SIG RTN	GY/R	359	SIG RTN	GY/R
92	511	BPPS	LG	810	BPPS	R/LG	511	BPPS	LG
93	387	HO2S 11 H	R/W	387	HO2S 11 H	R/W	387	HO2S 11 H	R/W
94	388	HO2S 21 H	Y/LB	388	HO2S 21 H	Y/LB	388	HO2S 21 H	Y/LB
95	389	HO2S 12 H	W/BK	389	HO2S 12 H	W/BK	389	HO2S 12 H	W/BK
96	562	INJ 8	LB				390	HO2S 22 H	T/Y

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97	361	SW BATT	R	361	SW BATT	R	361	SW BATT	R
98	560	INJ 6	LG/O				562	INJ 8	LB
99				560	INJ 6	LG/O	560	INJ 6	LG/O
100	558	INJ 4	BR/LB	558	INJ 4	BR/LB	558	INJ 4	BR/LB
101	556	INJ 2	W	556	INJ 2	W	556	INJ 2	W
102									
103	570	GND G101	BK/W	570	GND G104	BK/WH	570	GND G101	BK/W
104							529	IGN	R/W

COLOR LEGEND

WHITE BAR UNUSED PINS

GREEN BAR COMPATIBLE PINS

BLUE BAR COMPATIBLE/UNUSED PINS NO CONFLICTS

PINK BAR UNIQUE PINS

RED BAR CHECK FOR CONFLICTS

ORANGE BAR COMPATIBLE FUNCTION CHECK CIRCUIT